



Crop Weather Report

Issue: 07-29

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For the Week Ending:
Sept. 23, 2007

Weather Summary

Temperatures during the week ending September 23rd were similar to the previous week with the average temperatures mostly in the 50s and 60s. The northeast district and a few other cities experienced highs in the lower 90s. Albion and Glendive shared the high of 93 degrees, and Wisdom had the low of 21 degrees. The state received above normal precipitation during the week, and only five stations recorded zero moisture. On September 23rd, nine daily precipitation records were set. Valier had the most precipitation at 2.03 inches. Topsoil moisture adequate and surplus was 26 percent, above last week's 18 percent but below last year's 61 percent and the five-year average of 38 percent. Subsoil moisture adequate and surplus, at 23 percent, is below last year's 25 percent but is above the five-year average and last week which are both at 20 percent. There were 5.8 days suitable for fieldwork.

The weather outlook for October 1st through October 7th is for above normal temperatures and below normal precipitation east of the continental divide and for near normal temperatures and above normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the 50s to the upper 60s and lows in the mid 20s to the lower 40s.

Livestock Report

Range and pasture feed conditions improved from the previous week with 26 percent rated good to excellent. Conditions are better than last year and the five-year average.

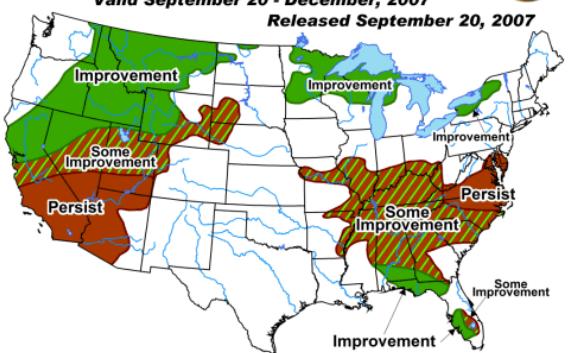
Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	12	18	17	22
Poor	20	19	27	28
Fair	42	38	38	32
Good	23	21	17	16
Excellent	3	4	1	2
Moved From Summer Ranges				
Cattle and Calves	29	25	39	34
Sheep and Lambs	28	23	30	33

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid September 20 - December, 2007

Released September 20, 2007



KEY:

- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Short-term events -- such as individual storms -- cannot be accurately forecast more than a few days in advance. Use caution for applications -- such as crops -- that can be affected by such events. "Ongoing" drought areas are approximated from the Drought Monitor (D1 to D4 intensity). For weekly drought updates, see the latest U.S. Drought Monitor. NOTE: the green improvement areas imply at least a 1-category improvement in the Drought Monitor intensity levels, but do not necessarily imply drought elimination.

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	39	47	11	24
Short	35	35	28	38
Adequate	24	16	56	36
Surplus	2	2	5	2
Subsoil Moisture				
Very Short	45	49	32	39
Short	32	31	43	41
Adequate	23	19	24	19
Surplus	0	1	1	1
Days Suitable for Fieldwork				
Days	5.8	6.5	3.3	5.2

Field Crops Report

Fifty-four percent of winter wheat is planted compared to 45 percent last year. Much needed precipitation has allowed farmers to seed next year's crop. Five percent emergence has been reported. Corn remains in better condition than last year. Reports indicate safflower yields have varied significantly between fields. Potato harvest is underway, and sugar beet harvest is expected to start next week.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Winter Wheat	54	28	45	50
Emerged				
Winter Wheat	5	n/a	3	7
Harvested				
Dry Beans	85	62	95	74
Flaxseed	95	89	96	n/a
Safflower	58	40	86	n/a
Corn for Silage	87	70	69	64
Corn for Grain	6	5	0	n/a
Hay, Second Cutting				
All Other	92	91	96	92

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Corn				
Very Poor	0	0	1	n/a
Poor	2	1	4	n/a
Fair	12	11	15	n/a
Good	65	75	55	n/a
Excellent	21	13	25	n/a

Weather Information for the Week ending 09/23/2007

Station ID	Precipitation												
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	Low	Avg	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	75	33	51	22	-16	0.90	+0.63	6.08	-1.46	81	16.69	+3.44	126
Anaconda	71	32	47	4	-20	1.16	+0.81	10.67	+0.69	107	16.79	+2.52	118
Clinton	70	35	52	20	-18	1.13	+0.86	8.40	+0.86	111	17.12	+3.87	129
Corvallis	73	35	50	11	-24	1.24	+0.96	5.32	-1.95	73	8.16	-4.84	63
Creston	69	32	50	17	-12	0.45	+0.03	6.49	-4.83	57	11.14	-8.43	57
Deer Lodge	68	26	46	0	-19	0.66	+0.41	7.84	+0.22	103	11.10	+0.61	106
Drummond	72	25	46	3	-29	1.32	+1.04	8.86	+0.62	108	12.60	-0.50	96
Hamilton	72	35	51	15	-20	1.18	+0.90	5.76	-1.51	79	9.74	-3.26	75
Kalispell	77	33	54	39	+10	0.55	+0.27	5.86	-2.86	67	11.76	-4.51	72
Missoula	77	36	54	37	-1	0.75	+0.48	4.96	-2.58	66	10.46	-2.79	79
Olney	76	25	47	14	-10	0.49	+0.14	4.56	-5.85	44	16.26	-6.50	71
Polson	74	36	54	31	-13	1.00	+0.65	8.46	-1.29	87	13.31	-3.05	81
St Ignatius	72	36	52	20	-20	1.28	+0.93	8.00	-2.07	79	13.35	-2.96	82
Seeley Lake	69	28	50	15	-13	1.12	+0.77	5.67	-3.30	63	16.21	-5.05	76
Sula	73	26	46	1	-22	1.57	+1.29	9.82	+0.13	101	15.20	-0.78	95
Superior	77	33	53	29	-22	1.03	+0.75	9.37	+1.61	121	19.18	+2.85	117
Swan Lake	73	34	50	15	-11	1.15	+0.66	9.76	-2.13	82	25.51	-2.44	91
Thompson Falls	77	34	56	52	-2	0.60	+0.32	6.70	-2.18	75	24.23	+1.54	107
West Glacier	73	32	52	27	-1	1.69	+1.20	9.16	-3.61	72	26.01	-2.60	91
NORTH CENTRAL													
Chester	82	30	53	35	-6	1.64	+1.45	6.98	-1.11	86	10.72	+0.22	102
Chinook	85	35	53	30	-17	0.39	+0.04	9.09	-0.27	97	12.88	+0.78	106
Choteau	72	29	48	13	-35	0.49	+0.28	5.20	-3.21	62	6.91	-3.47	67
Cut Bank	78	26	50	29	-7	1.25	+1.02	3.38	-5.89	36	3.86	-7.74	33
Ft Assinniboine	85	34	54	38	-14	0.34	+0.06	8.73	-0.02	100	12.24	+0.47	104
Fort Benton	83	31	53	32	-18	0.54	+0.26	8.47	-1.53	85	12.80	-1.32	91
Goldbutte	70	29	50	20	-19	1.95	+1.61	9.53	-0.49	95	13.65	+0.88	107
Harlem	84	33	53	31	-16	0.40	+0.07	9.66	+0.89	110	12.67	+1.29	111
Havre	86	34	56	50	+3	0.44	+0.16	8.66	+0.73	109	12.05	+1.13	110
Malta	83	38	58	58	+14	0.42	+0.14	10.29	+0.52	105	13.07	+0.67	105
Rudyard	80	28	49	14	-39	0.87	+0.52	9.85	-0.34	97	13.16	-0.41	97
Shelby	70	26	49	18	-25	1.31	+1.05	5.69	-3.87	60	9.09	-2.84	76
Turner	83	34	55	41	-3	0.53	+0.25	8.45	-1.32	86	10.28	-2.12	83
Valier	71	29	51	19	-24	2.03	+1.77	6.89	-2.67	72	8.83	-3.10	74
NORTHEAST													
Bredette	84	37	57	53	+10	0.01	-0.27	11.79	+2.14	122	14.82	+2.88	124
Culbertson	90	36	60	69	+28	0.05	-0.30	10.68	-0.15	99	13.99	+0.43	103
Glasgow	86	41	60	72	+25	0.12	-0.09	11.57	+3.14	137	13.68	+2.93	127
Glendive	93	41	65	106	+50	0.36	+0.08	10.65	+0.30	103	13.96	+0.63	105
Jordan	89	35	60	74	+20	0.21	-0.09	12.03	+2.29	124	14.34	+1.61	113
Nashua	82	37	58	58	+11	0.00	-0.21	13.58	+5.15	161	16.10	+5.35	150
Opheim	83	28	54	38	+7	0.39	+0.11	10.87	+1.45	115	12.86	+1.41	112
Plentywood	85	38	60	72	+36	0.00	-0.31	13.75	+4.10	142	16.09	+4.09	134
St Marie	84	39	58	58	+11	0.13	-0.08	9.17	+0.74	109	10.69	-0.06	99
Scobey	84	31	57	51	+8	0.00	-0.28	11.22	+1.57	116	13.54	+1.60	113
Sidney	87	40	62	86	+36	0.36	+0.05	10.60	+0.35	103	13.23	-0.16	99
Wolf Point	88	33	60	69	+18	0.00	-0.35	11.97	+0.70	106	13.62	-1.08	93
CENTRAL													
Cascade	75	24	49	11	-20	1.10	+0.71	10.24	-0.54	95	14.29	-0.24	98
Grass Range	77	36	55	40	-6	0.44	+0.12	13.98	+1.67	114	19.91	+3.42	121
Great Falls	82	33	54	44	-2	0.41	+0.13	6.69	-3.42	66	11.28	-3.70	75
Harlowton	84	35	55	40	-2	0.35	+0.07	11.72	+1.59	116	16.41	+2.89	121
Helena	80	35	55	46	+6	0.70	+0.42	6.94	-1.00	87	10.05	-1.33	88
Lewistown	80	37	54	35	-1	0.35	+0.00	12.67	+0.21	102	17.94	+0.11	101
Martinsdale	73	31	51	14	-18	0.42	+0.14	8.69	-1.02	89	12.36	-0.68	95
Neihart	67	31	47	7	-22	0.83	+0.38	15.62	+1.71	112	25.02	+4.62	123
Rogers Pass	77	31	51	26	-18	1.13	+0.85	10.43	+0.90	109	15.08	+2.26	118
Roundup	82	39	59	65	+9	0.57	+0.29	12.20	+2.94	132	16.65	+4.36	135
Ryegate	86	36	56	45	+15	0.48	+0.21	10.64	+1.15	112	14.96	+2.33	118
Stanford	76	34	53	25	-13	0.24	-0.07	10.79	-1.28	89	15.49	-0.81	95
Townsend	72	32	51	10	-33	0.71	+0.43	6.65	-1.52	81	9.62	-1.41	87
Valentine	85	33	55	37	-9	0.14	-0.14	11.51	+0.60	105	15.95	+1.68	112
Wht Sulphur Spr	71	29	48	6	-18	0.67	+0.32	6.15	-4.21	59	9.04	-6.92	57
SOUTHWEST													
Boulder	75	27	50	10	-22	1.00	+0.72	7.84	-0.53	94	11.04	-0.44	96
Bozeman	71	34	52	17	-23	0.59	+0.10	13.80	+1.51	112	24.28	+5.50	129
Butte	72	29	48	6	-17	1.03	+0.75	9.28	+0.77	109	13.23	+1.38	112
Dillon	72	34	52	22	-12	0.14	-0.08	8.34	+0.64	108	11.79	+1.79	118
Ennis	77	30	53	29	-4	0.13	-0.19	8.99	-0.46	95	14.44	+1.46	111
Lakeview	72	27	50	18	+0	0.55	+0.11	5.96	-5.90	50	12.82	-7.14	64
W Yellowstone	73	34	52	18	+4	0.40	-0.02	6.65	-3.92	63	13.59	-8.17	62
Wisdom	67	21	43	0	-14	0.99	+0.71	8.50	+1.19	116	14.34	+3.24	129
SOUTH CENTRAL													
Billings	88	44	62	88	+30	0.56	+0.21	10.19	+0.88	109	16.03	+1.25	108
Cooke City	76	36	54	33	+26	0.37	-0.19	7.60	-5.63	57	13.49	-11.56	54
Gardiner	78	40	58	55	+3	0.26	+0.00	3.65	-3.36	52	7.47	-2.99	71
Hardin	92	40	64	102	+52	0.14	-0.28	9.23	-0.77	92	14.61	-0.89	94
Huntley	91	37	60	72	+24	0.40	+0.05	10.29	+0.64	107	15.08	+1.25	109
Hysham	79	42	61	82	+22	0.34	-0.01	11.10	+1.83	120	16.29	+3.38	126
Joliet	88	38	59	62	+13	0.33	-0.09	9.55	-1.09	90	15.42	-0.48	97
Livingston	82	39	58	60	+14	0.23	-0.19	9.52	-1.38	87	15.59	+0.26	102
Nye	84	35	58	56	+10	0.48	+0.06	10.89	-0.01</				